

LENGTH: 1308 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-484-438-2

Query Match 100.0%; Score 7129; DB 2; Length 1308;
 Best Local Similarity, 100.0%; Pseq. No. 0;
 Matches 1308; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 181 NSSSGGGRCHKSTGRCMQPTENHCOTLRTVCAEQDGRGYPYVSDCCHRCAGGCSG 240
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 1141 PRGEIDDEEGYMPMRDQKQOELNVEENPFVSRKNGDLOALNDPEYHNAANGEPKAD 1200
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 1261 EYSTKIFYKQNGRIRPIVAENPEYLSFSLKPGTVLPPPYRHRTVV 1308

RESULT 2
 US-08-484-438-4
 Sequence 4, Application US/08484438
 Patent No. 581098
 Patent No. 581098 5780031
 GENERAL INFORMATION:
 APPLICANT: Plozman, Gregory D.
 APPLICANT: Culouscou, Jean-Michel
 APPLICANT: Shoyab, Mohamed
 APPLICANT: Siegal, Clay B.
 APPLICANT: Helicser m, Ingegerd
 APPLICANT: Helicser m, Karl E.
 TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
 NUMBER OF SEQUENCES: 42
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/484,438
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/323,442
 FILING DATE: 14-OCT-1994
 APPLICATION NUMBER: US 08/150,704
 FILING DATE: 10-NOV-1993
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/981,165
 FILING DATE: 24-NOV-1992
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Mastro, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 5624-230
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEFAX: (212) 869-8864/9741

Sequence 4, Appli
Sequence 4, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 14, Appl
Sequence 66, Appl
Sequence 2, Appli
Sequence 67, Appl
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 18, Appl
Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli

28 1451 20.4 782 3 US-08-579-823A-4
29 1451 20.4 782 4 US-09-344-195-4
30 1442 20.2 624 3 US-08-432-108-1
31 1442 20.2 624 4 US-08-432-734-1
32 1219 17.1 279 2 US-08-701-131A-14
33 1147.5 16.1 265 2 US-07-857-224B-65
34 1127.5 15.8 265 2 US-07-857-224B-66
35 1074.5 15.1 478 4 US-09-570-454-2
36 851 11.9 264 2 US-07-857-224B-67
37 816 11.4 1382 2 US-08-737-715-2
38 816 11.4 1382 4 US-09-457-040B-7
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41 790 11.1 1367 3 US-08-746-559A-2
42 787 11.0 1367 4 US-08-864-641B-18
43 775 10.9 419 4 US-09-630-155-7
44 610.5 8.6 1009 2 US-08-357-642A-1
45 610.5 8.6 1009 2 US-08-460-626-1

ALIGNMENTS

RESULT 1
US-08-484-438-2
; Sequence 2, Application US/08484438
; Patent No. 5811098
; Patent No. 5811098 5780031
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory D.
; APPLICANT: Culouscou, Jean-Michel
; APPLICANT: Shovab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
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; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
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; APPLICATION NUMBER: US 08/150,704
; FILING DATE: 10-NOV-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/981,165
; FILING DATE: 24-NOV-1992
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 5624-230
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:

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OM protein - protein search, using sw model

Run on: February 12, 2003, 18:03:04 ; Search time 20 Seconds
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Title: US-09-940-101-2

Perfect score: 7129

Sequence: 1 MKPATGLWVWSLLVAAGTV.....SLKPGTVLPFPYRHRNTV 1308

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Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Issued Patents AA: *
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6: /cgn2_6/ptodata/1/1aa/backfiles1.pep: *

Prod. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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5	3608	50.6	911	2	US-08-484-438-10
6	3346.5	46.9	1210	2	US-08-484-438-7
7	3339.5	46.8	1210	2	US-08-475-035-4
8	3211	45.0	1342	2	US-08-484-438-9
9	3209	45.0	1342	1	US-07-978-895-4
10	3209	45.0	1342	2	US-08-473-119-4
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17	3002.5	42.1	1255	2	US-08-486-348A-68
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26	1534.5	21.5	580	3	US-08-466-680B-69
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Hit Count **Set Name**

result set

DB=USPT; PLUR=YES; OP=ADJ
L15 L14 and (treat\$ or therap\$ or inhibit\$ or suppress\$)

L15

25 L14

65 L13

3. L1212 L111 L1084 L9

070 L8